

FIG. 1 (PRIOR ART)

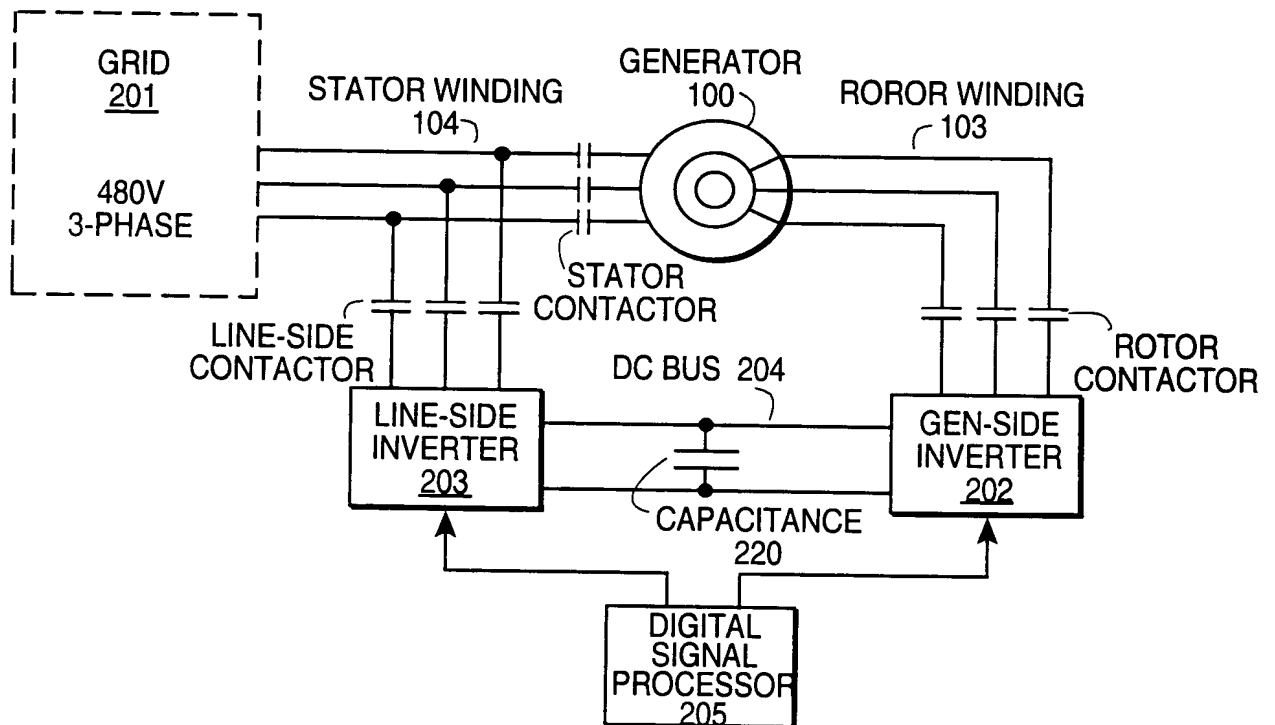


FIG. 2 (PRIOR ART)

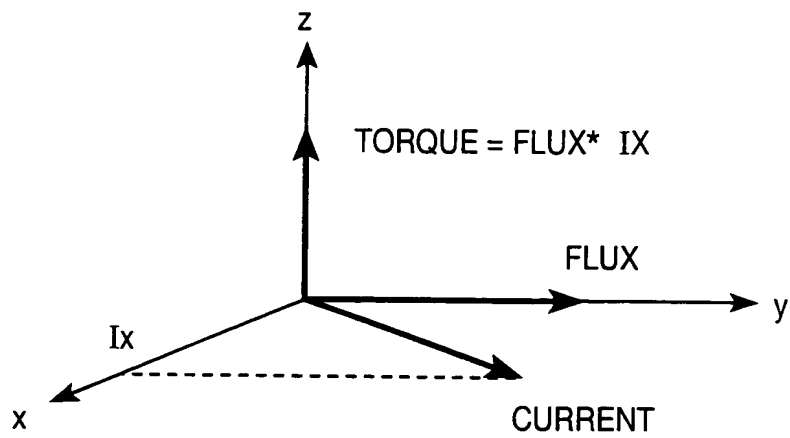


FIG. 3 (PRIOR ART)

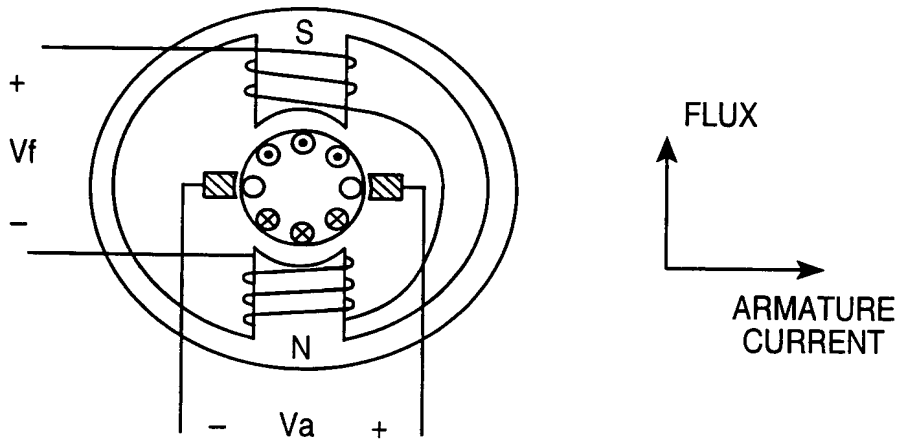


FIG. 4 (PRIOR ART)

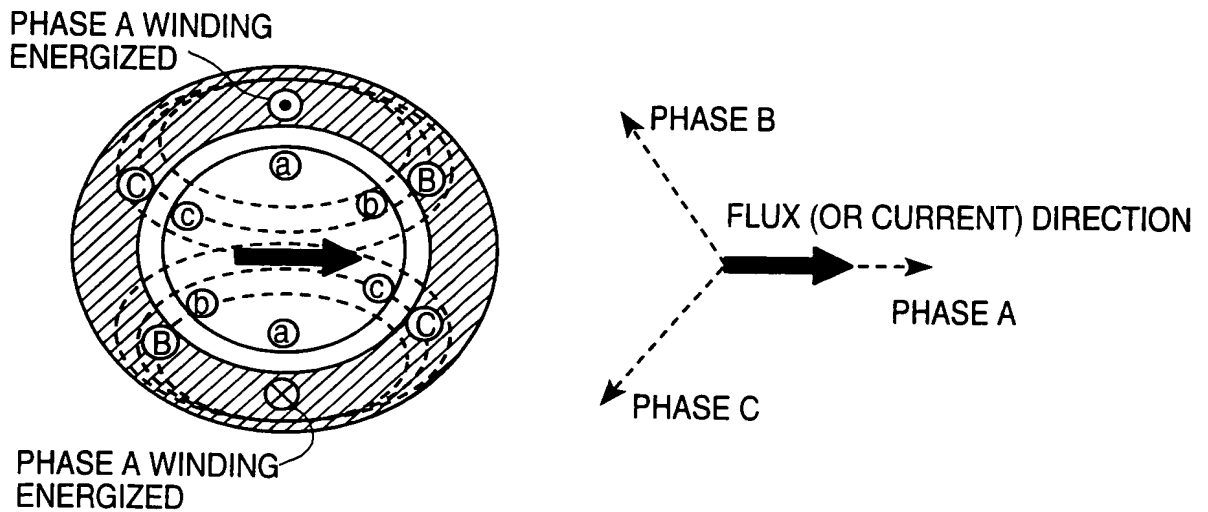


FIG. 5 (PRIOR ART)

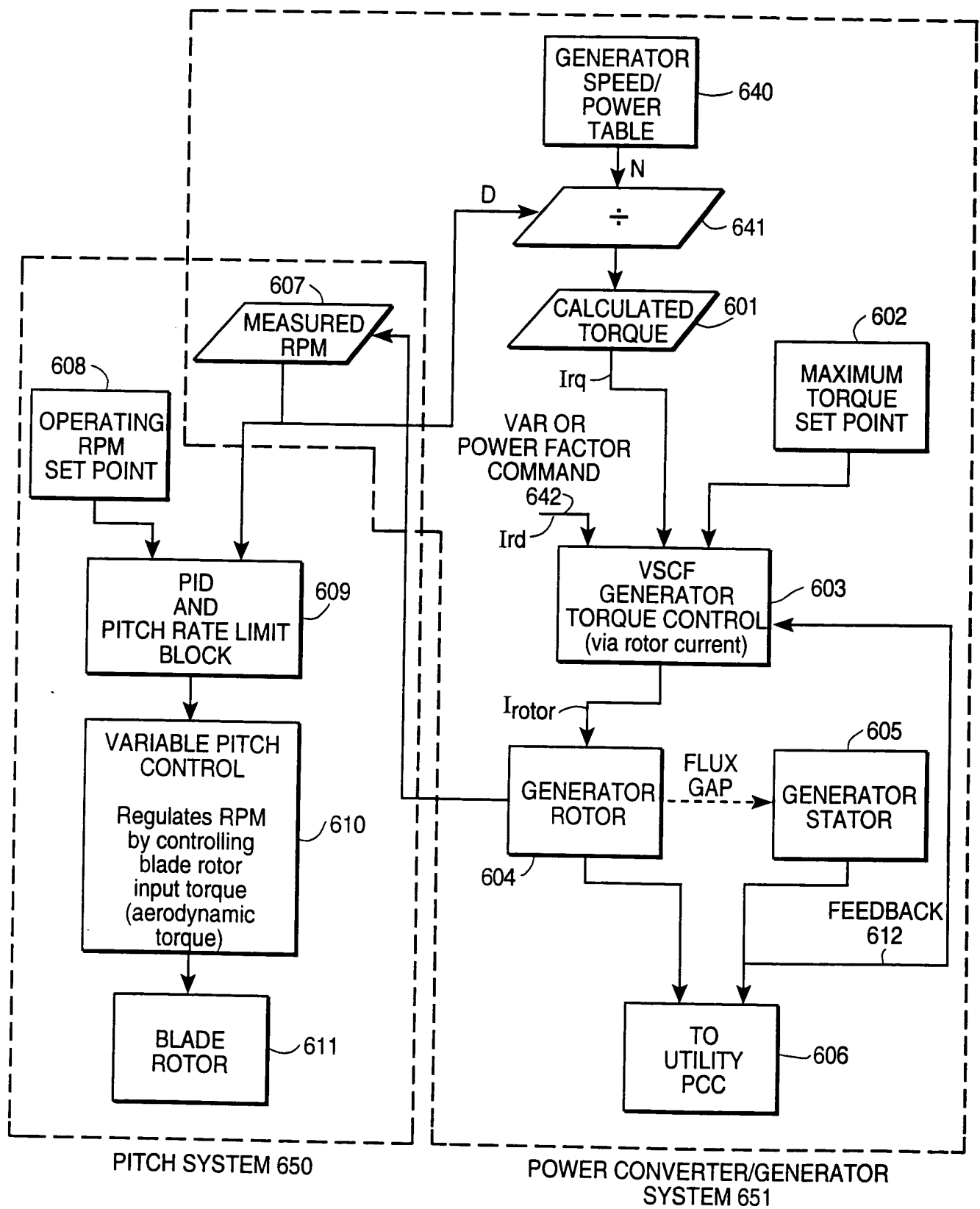
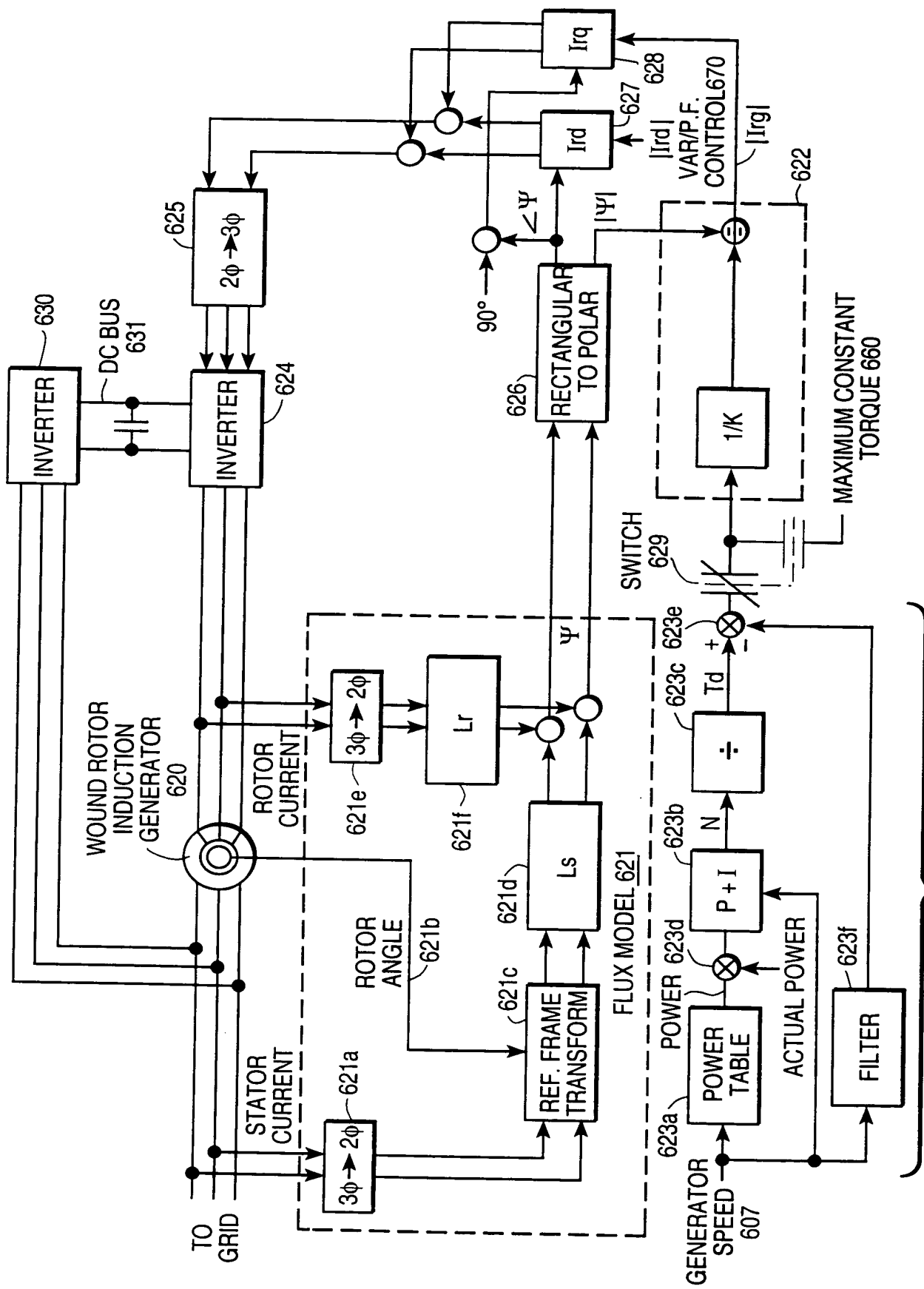


FIG 6A



TORQUE COMMAND GENERATOR 623

100

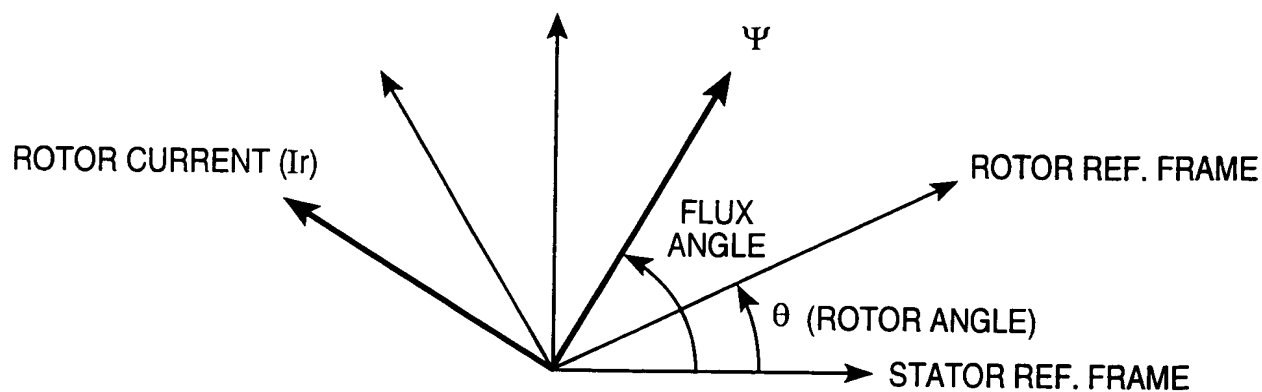


FIG 6C

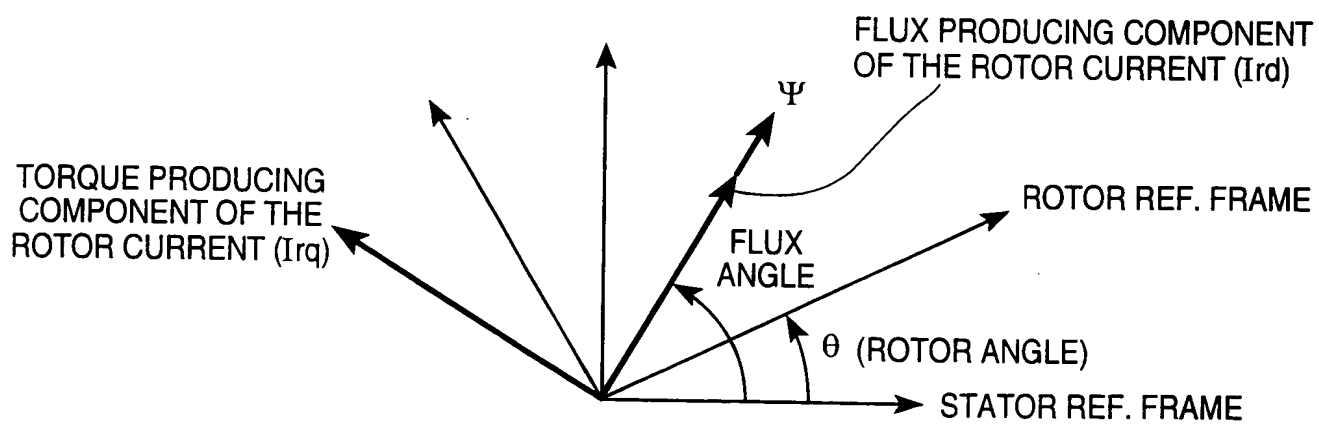
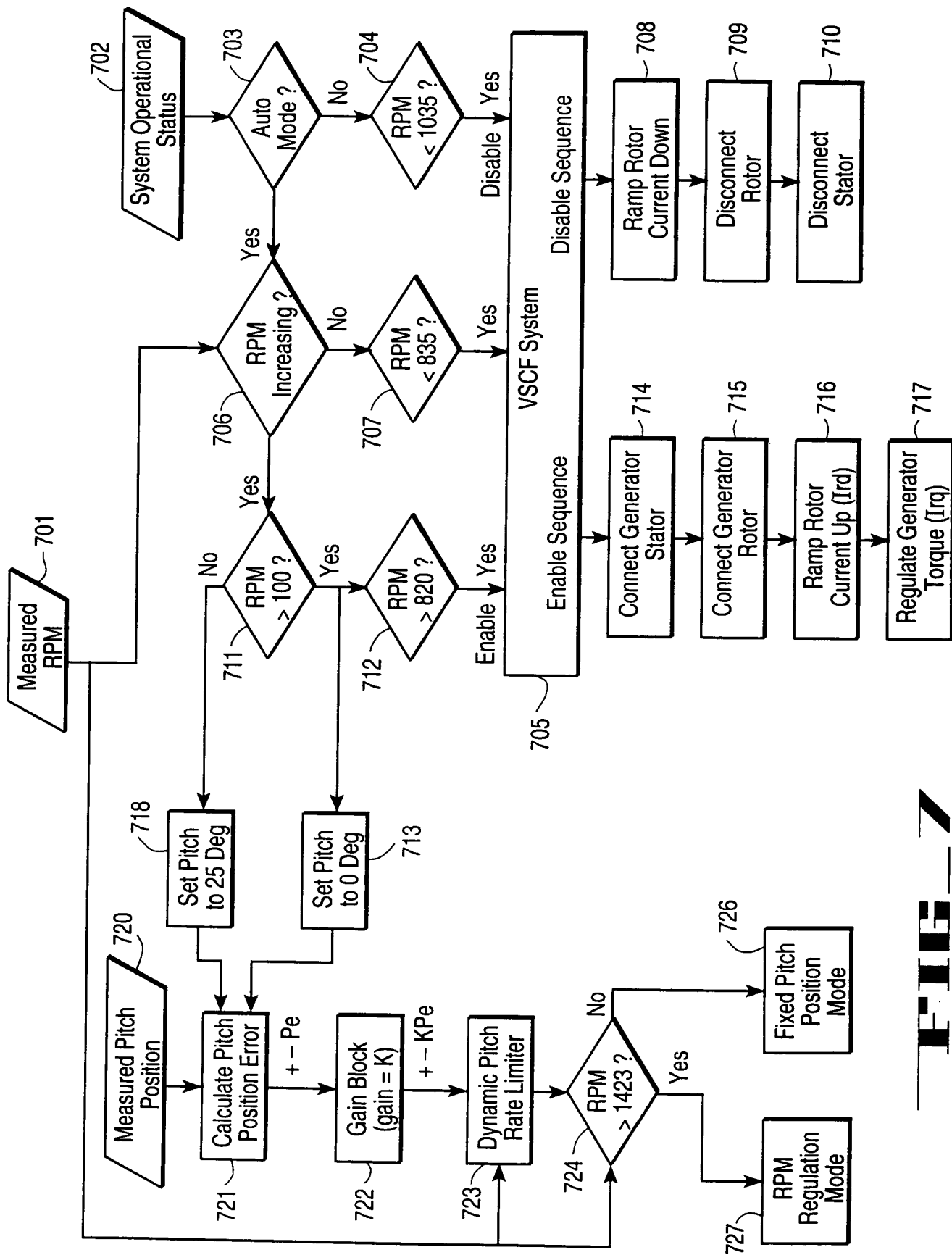
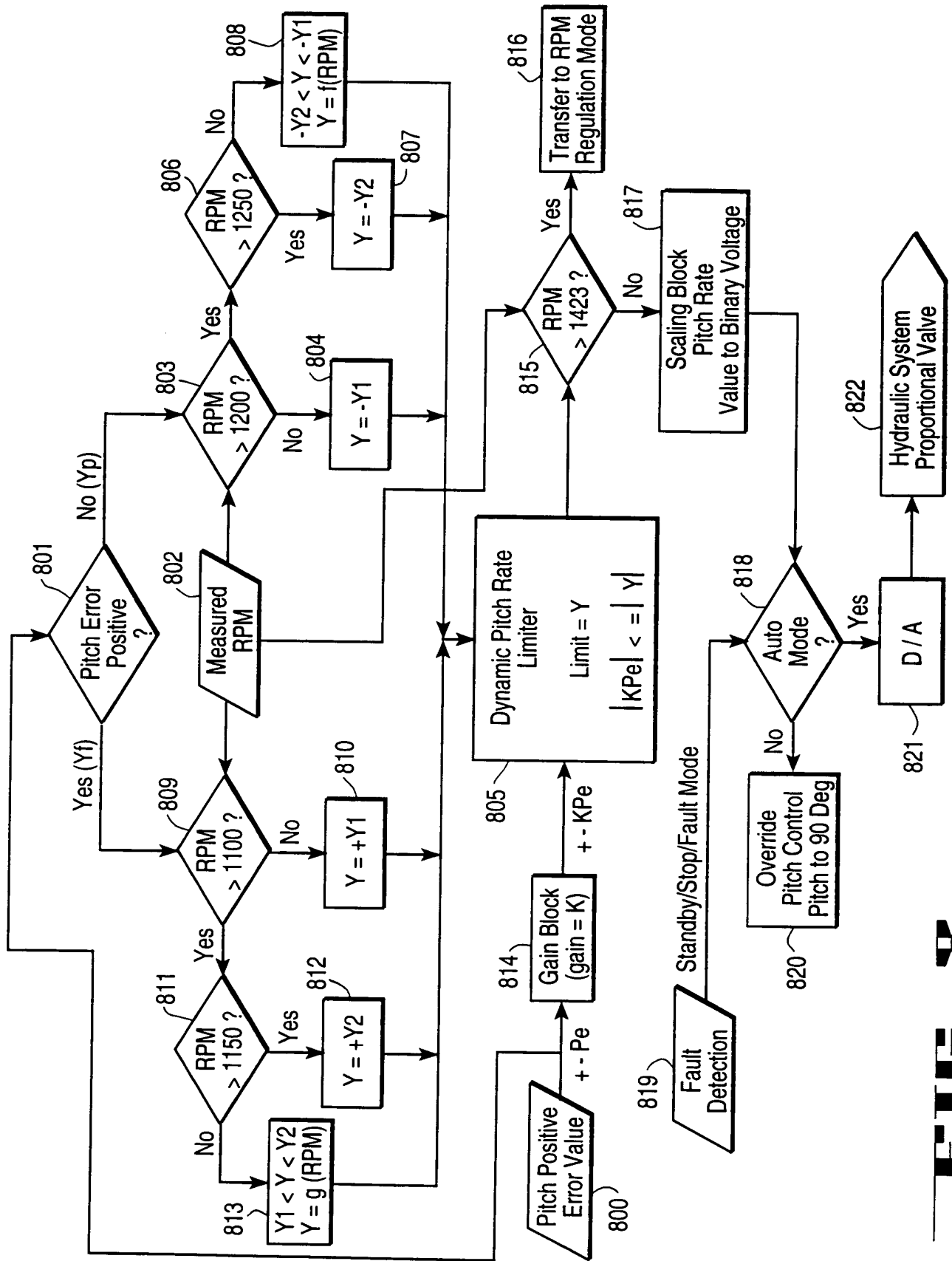
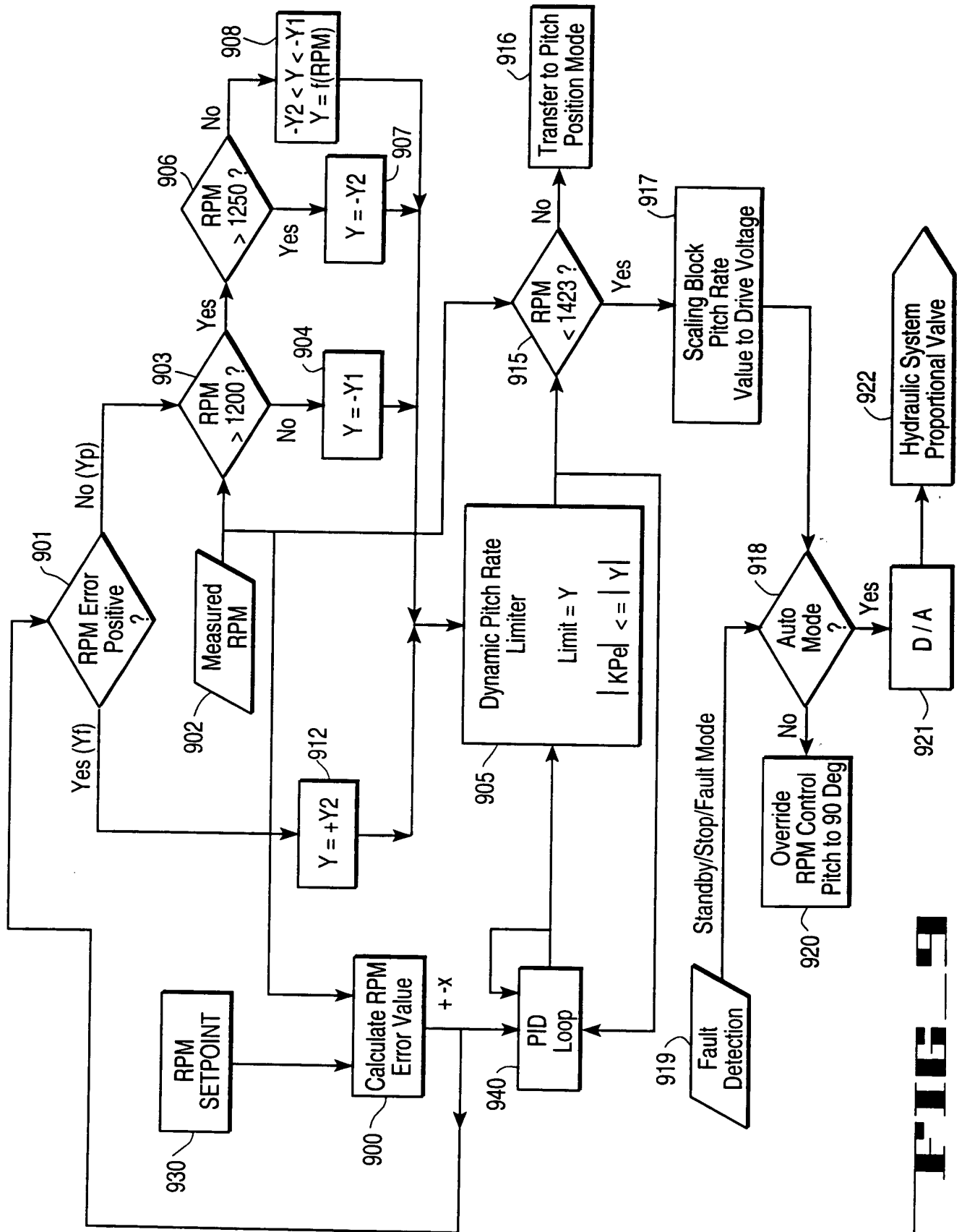


FIG 6D







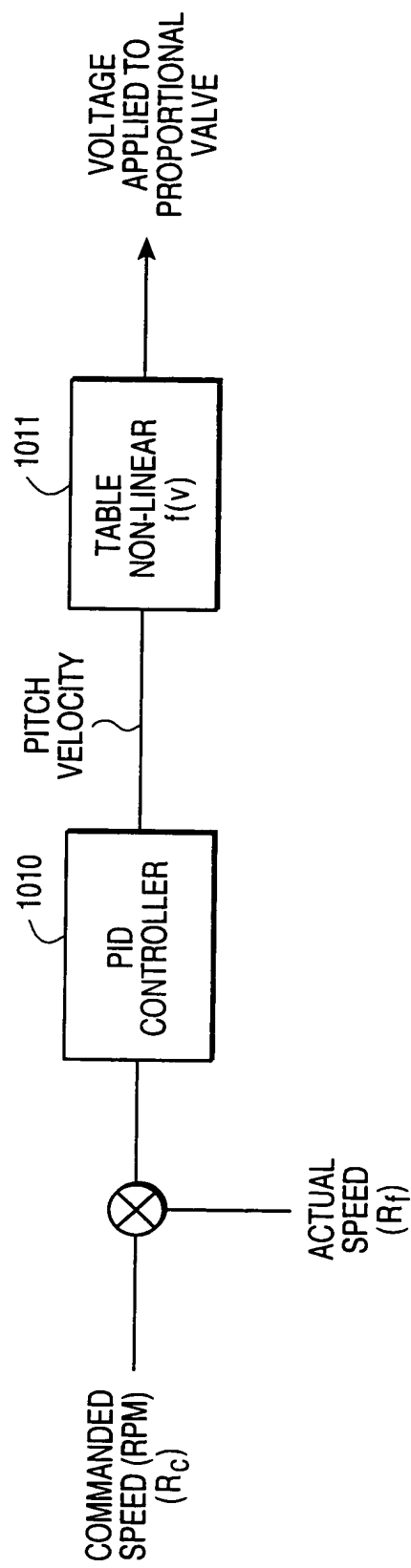


FIG 10A

COMMANDED PERFORMANCE

P_c

FEEDBACK POSITION

P_f

1001

1002

K

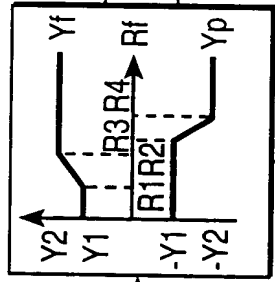
P_e

y_c

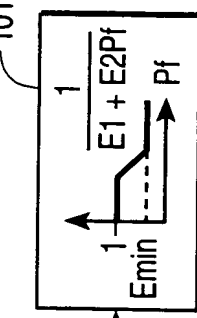
1005

y_f

y_p



1012



1003

x

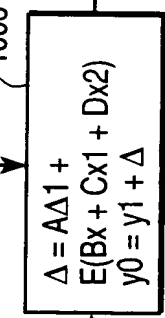
COMMANDED SPEED

R_c

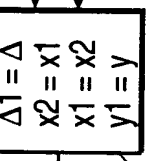
ACTUAL SPEED

R_f

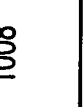
1006



1007



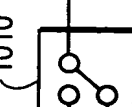
1008



1009



1010



1011



1000

FILE 1000